T BOOK

| sions | | Contents | Reference to last Measurement |
|---|---|---|---|
| Breadth 5 | Depth 6 | 7 | 8 |
| | | | |

M. A. R. 57 (Rule 116) BR/154/30.6.17.

Measurement Book No. B

353522

erial No. 1st and final Bill

ame of Work ..... From ..... To .....

ame of Contractor of nature of Agency ..... K. Anil Kumar Contractor

ate of commencement of work ..... D.O. Rewrdj. 10.05.2017

| ate | Full description, etc, of work 2 | Dimensions Number 3 | Length 4 | Breadth 5 | Depth 6 | Contents 7 | Reference to last Measurement 8 |
|---|---|---|---|---|---|---|---|
| | Name of work :- Improvements to Road and drains at kuruppuvajer. 2nd. stage in Ward no. 11, Vidyaranyapura Sub-Division. | | | | | | |
| | Estimated cost Rs. 49.46 Lks | | | | | | |
| | DB-no = 011-16-000007 | | | | | | |
| | Work order no = BBMP/BE/BJP/E-pmf/03 (17828) WO/27/2016-17 D. 20.05.2016 | | | | | | |

# MEASUREMENT BOOK

| Date | Full description, etc, of work | Dimensions | | | | Contents | Reference to last Measurement |
|---|---|---|---|---|---|---|---|
| | | Number | Length | Breadth | Depth | | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| | (1) Earthwork excavation by manual means in ordinary soil, involving an average horizontal throw upto 2 m and average lift upto 1.50 m, excavated surfaces levelled and sides neatly dressed, the disposed earth to be leveled neatly after breaking clods complete as per specifications complete as per specifications. | | | | | | |
| | Qty vide Dis WB | | | | | | |
| | Pno = 1243.60 y³ | | | | | | |
| | 353589 to 592/1 @ 75.00/y³ = 93270.00 | | | | | | |
| | (2) Removing of B.S working areas and stacking etc | | | | | | |

erial No. .....
ame of Work .....
ame of Contractor of nature of Agenc
ate of commencement of work .....

| Date | Full description, etc, of work |
|---|---|
| 1 | 2 |
| | Complete as per sp |
| (3) | Refixing stone slo |
| | el Complete as per |
| | chay of work |

EMENT BOOK

| Dimensions | | | Contents | Reference to last Measurement |
|---|---|---|---|---|
| Length 4 | Breadth 5 | Depth 6 | 7 | 8 |
| ...d mean in ordinary cases, throughout 2 m and average surfaces levelled and sides & ends to be finished neatly etc as per specifications complete | | | | |
| Qty vide this MB no 589 to 592/1 | | | = 1243.60 y³ @ 75.00/y³ | 93270.00 |
| ...rete and stacking etc | | | | |

M. A. R. 57 (Rule 116)
Measurement Book

No. B

353523

...erial No. .....
...me of Work ..... From..... To.....
...me of Contractor of nature of Agency .....
...te of commencement of work .....

| ...ate | Full description, etc, of work 2 | Dimensions | | | | Contents 7 | Reference to last Measurement 8 |
|---|---|---|---|---|---|---|---|
| | | Number 3 | Length 4 | Breadth 5 | Depth 6 | | |
| | Complete as per specifications and directions of Engineer-in-charge. Qty vide this MB P: 35353 to 5424 | | | | = 2322.00 y² @ 58.00/y² | | 134676.00 |
| (3) | Refixing stone slabs of dress and panels in CM 1:3 etc Complete as per specifications and directions of Engineer-in-charge of Work. Qty as per MB no (21) | | | | = 2322 y² @ 75/y² | | 174150.00 |

# MEASUREMENT BOOK

| Date | Full description, etc, of work | Dimensions | | | | Contents | Reference to last Measurement |
|---|---|---|---|---|---|---|---|
| | | Number | Length | Breadth | Depth | | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| (4) | Providing, laying, spreading and compacting graded stone aggregates to wet mix macadam, specifications, including premixing the material with water and applying mechanical mix plant Conveyance of mixed materials by tipper to site, laying in uniform layers over prepared sub-base/base course on well prepared surface and compacting with vibratory Rollers to achieve the desired density etc complete as per specifications and directions of Engineer-in-charge of work. | | | | | | |
| | Qty vide this MB | | | | | | 947.00 sq.m |
| | P: 353597 to 597 = 861.00 sq.m @ 1100/- | | | | | | |

erial No. .....
ame of Work .....
ame of Contractor of nature of Agency ...
ate of commencement of work .....

| Date | Full description, etc, of work |
|---|---|
| | 2 |
| (5) | Providing and applying p on prepared surface with including cle at the rate of 0.60 complete as per sp Charge of Works. Naidu Lo Opp. Sri Ram Apartment Hence |

BOOK

| ns | | Contents | Reference to last Measurement |
|---|---|---|---|
| eadth 5 | Depth 6 | 7 | 8 |
| ...y grade) stone ...Coats, including ...ling, mechanical ...by tipper lorry, ...sub-base/base ...compacting with ...rolling etc complete ...specifications ...Engineer-in-charge | | | |
| | | | 947/00.00 |
| | | | 861.00 @ 1100/- |

M. A. R. 57 (Rule 116)
Measurement Book

No. B

353524

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

| Date | Full description, etc, of work | Dimensions | | | | Contents | Reference to last Measurement |
|---|---|---|---|---|---|---|---|
| | 2 | Number 3 | Length 4 | Breadth 5 | Depth 6 | 7 | 8 |
| (1) | Providing and applying primer coat with S.S. bitumen Emulsion on prepared surface of granular base such as WBM, WMM including cleaning Road surface and spraying primer at the rate of 0.60 kg/m² using mechanical means etc complete as per specifications and direction of Engineer in Charge of Works. | | | | | | |
| | Naidu Ho Opp. Sri Ram Apartment Hence | 1 | 30.00 | $\frac{5.4+4.8}{2}$ | - | 133.00 m² | |
| | | 1 | 30.00 | $\frac{4.8+4.2}{2}$ | - | 135.00 | |

# MEASUREMENT BOOK

| Date | Full description, etc, of work | Dimensions | | | | Contents | Reference to last Measurement |
|---|---|---|---|---|---|---|---|
| | | Number | Length | Breadth | Depth | | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| | | 1 | 6.00 | $\frac{4.2+5.6}{2}$ | | = 29.40 | |
| | ch - 3rd - CR | 1 | 30.00 | $\frac{5.8+5.0}{2}$ | | = 162.00 | |
| | | 1 | 30.00 | $\frac{5.0+5.8}{2}$ | | = 162.00 | |
| | | 1 | 30.00 | $\frac{5.8+4.8}{2}$ | | = 159.00 | |
| | | 1 | 18.00 | $\frac{4.8+6.0}{2}$ | | = 97.20 | |
| | CR1 - 2nd - CR | 1 | 30.00 | $\frac{5.0+4.8}{2}$ | | = 142.50 | |
| | | 1 | 30.00 | $\frac{4.3+5.2}{2}$ | | = 148.50 | |
| | | 1 | 30.00 | $\frac{5.4+5.0}{2}$ | | = 157.50 | |
| | | 1 | 18.00 | $\frac{5.1+5.8}{2}$ | | = 98.10 | |
| | ch - 2nd - CRoad | 1 | 30.00 | $\frac{5.0+4.3}{2}$ | | = 139.50 | |

M. A. R
Meas

erial No. .....
ame of Work ..... From...
ame of Contractor of nature of Agency .....
ate of commencement of work .....

| Date | Full description, etc, of work | Number |
|---|---|---|
| 1 | 2 | 3 |
| | | 1 |
| | | 1 |
| | CR1 next to Concrete plant Road | 1 |
| | | 1 |
| | | 1 |
| | ch - CROSS. Road | 1 |
| | | 1 |
| | ch - SWD - Road | 1 |
| | | 1 |
| | | 1 |

## UREMENT BOOK

| Dimensions | | | | Contents | Reference to last Measurement |
|---|---|---|---|---|---|
| nber 3 | Length 4 | Breadth 5 | Depth 6 | 7 | 8 |
| 1 | 6.00 | 4.2+5.6 / 2 | = | 29.40 | |
| 1 | 30.00 | 5.8+5.0 / 2 | = | 162.00 | |
| 1 | 30.00 | 5.0+5.8 / 2 | = | 162.00 | |
| 1 | 30.00 | 5.8+4.8 / 2 | = | 159.00 | |
| 1 | 18.00 | 4.8+6.0 / 2 | = | 97.20 | |
| 1 | 30.00 | 5.0+4.8 / 2 | - | 142.50 | |
| 1 | 30.00 | 4.5+5.4 / 2 | - | 148.50 | |
| 1 | 30.00 | 5.4+5.1 / 2 | - | 157.50 | |
| 1 | 18.00 | 5.1+5.8 / 2 | - | 98.10 | |
| 1 | 30.00 | 5.0+4.7 / 2 | - | 139.50 | |

**M. A. R. 57 (Rule 116)**
Measurement Book

**No. B**

353525

rial No. .....
me of Work ..... From..... To.....
me of Contractor of nature of Agency .....
te of commencement of work .....

| ate | Full description, etc, of work 2 | Dimensions | | | | Contents 7 | Reference to last Measurement 8 |
|---|---|---|---|---|---|---|---|
| | | Number 3 | Length 4 | Breadth 5 | Depth 6 | | |
| | (1) next to Concrete plant Road | 1 | 30.00 | 4.3+4.9 / 2 | - | 138.00 | |
| | | 1 | 22.00 | 4.9+5.3 / 2 | - | 112.20 | |
| | | 1 | 30.00 | 5.5+5.7 / 2 | - | 168.00 | |
| | | 1 | 30.00 | 5.7+6.0 / 2 | - | 175.50 | |
| | | 1 | 12.00 | 6.0+6.0 / 2 | - | 72.00 | |
| | (2) - Cross. Road | 1 | 30.00 | 4.6+4.6 / 2 | - | 138.00 | |
| | | 1 | 15.00 | 4.60 | - | 69.00 | |
| | (3) - SWD - Road | 1 | 30.00 | 5.00 | - | 150.00 | |
| | | 1 | 30.00 | 5.0+6.0 / 2 | - | 165.00 | |

# MEASUREMENT BOOK

| Date | Full description, etc, of work | Dimensions | | | | Contents | Reference to last Measurement |
|---|---|---|---|---|---|---|---|
| | | Number | Length | Breadth | Depth | | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| | h) Grave-yard parallel Road | 1 | 30.00 | $\frac{5.0+5.0}{2}$ | - | 157.50 | |
| | | 1 | 30.00 | $\frac{5.4+4.9}{2}$ | - | 154.50 | |
| | | 1 | 30.00 | $\frac{4.9+5.3}{2}$ | - | 153.00 | |
| | | 1 | 30.00 | $\frac{5.3+6.3}{2}$ | - | 174.00 | |
| | i) . Graveyard - Road | 1 | 38.00 | $\frac{3.9+3.7}{2}$ | - | 144.40 | |
| | | 1 | 16.00 | 4.90 | - | 78.40 | |
| | | 1 | 30.00 | 6.60 | - | 198.00 | |
| | | 1 | 30.00 | $\frac{6.6+4.9}{2}$ | - | 166.50 | |
| | j) Cutk Ganapathi parallel Road | 1 | 20.00 | 4.60 | - | 92.00 | |
| | | 1 | 30.00 | 5.20 | - | 156.00 | |
| | | 1 | 30.00 | $\frac{5.2+4.8}{2}$ | - | 150.00 | |
| | | 1 | 30.00 | $\frac{4.8+5.1}{2}$ | - | 148.50 | |

erial No. .....
ame of Work .....
ame of Contractor of nature of Agency .....
ate of commencement of work .....

| Date | Full description, etc, of work | Nu |
|---|---|---|
| | 2 | |
| | (b) Providing and laying dimid crushed aggregate of specif | |

Assistant Executive Engine
Vidyaranyapura Sub Divis
BBMP, Bangalore - 97

BOOK

| ons | | Contents | Reference to last Measurement |
|---|---|---|---|
| readth 5 | Depth 6 | 7 | 8 |
| $\frac{+8.5}{2}$ | - | 157.50 | |
| $\frac{+4+4.5}{2}$ | - | 154.50 | |
| $\frac{.9+5.3}{2}$ | - | 153.00 | |
| $\frac{3+6.3}{2}$ | - | 174.00 | |
| $\frac{.7+3.7}{2}$ | - | 144.40 | |
| 4.90 | - | 78.40 | |
| 6.60 | - | 198.00 | |
| $\frac{-6+4.5}{2}$ | - | 166.50 | |
| 4.60 | - | 92.00 | |
| 5.20 | - | 156.00 | |
| $\frac{-2+4.5}{2}$ | - | 150.00 | |
| $\frac{1.8+5.}{2}$ | - | 148.50 | |

M. A. R. 57 (Rule 116)
Measurement Book

No. B

353526

erial No. .....
ame of Work ..... From..... To.....
ame of Contractor of nature of Agency .....
ate of commencement of work .....

| ate | Full description, etc, of work 2 | Dimensions | | | | Contents 7 | Reference to last Measurement 8 |
|---|---|---|---|---|---|---|---|
| | | Number 3 | Length 4 | Breadth 5 | Depth 6 | | |
| | | 1 | 30.00 | $\frac{5.1+4.5}{2}$ | - | 144.00 | |
| | | 1 | 20.00 | $\frac{4.5+5.}{2}$ | - | 95.00 | |
| | | 1 | 30.00 | $\frac{6.2+4.4}{2}$ | - | 156.00 | |
| | | 1 | 32.00 | $\frac{4.4+5.0}{2}$ | - | 150.40 | |
| | | | | | | 5189.60 M2 | |
| | | | | | Ltrs | 4880.00 M2 | |
| | | | | | C | 31.00/M2 | 151280.00 |
| | Providing and laying dimidense bituminous concrete using crushed aggregate of specified gradiy, premixed with | | | | | | |

Assistant Executive Engineer
Vidyaranyapura Sub Division
BBMP, Bangalore-97

# MEASUREMENT BOOK

| Date | Full description, etc, of work | Dimensions | | | | Contents | Reference to last Measurement |
|---|---|---|---|---|---|---|---|
| | | Number | Length | Breadth | Depth | | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| | bituminous binder and filler, transporting the hot mix to work site, laying with a hydrostatic paver finisher with sensor control to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem Rollers to achieve the desired compaction as per morth specifications clause no 500.8 complete in all respects as per specifications with HW-120 TPH Capacity. 2 Nos with sensor paver 4m-8m (2.5 m to 3 mm) with 5% VG-30 Bitumen. etc complete. | | | | | | |
| | 1) Naidu-40 Sri Ram Apart- 4m CC | | | | Avg | | |
| | | 1 | 30.00 | $\frac{5.4+4.8}{2}$ | 0.025 | 3.83 | |
| | | 1 | 30.00 | $\frac{4.8+4.2}{2}$ | 0.025 | 3.38 | |
| | | 1 | 6.00 | $\frac{4.2+3.6}{2}$ | 0.025 | 0.74 | |

M. A. R.
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erial No. .....
ame of Work ..... From.....
ame of Contractor of nature of Agency .....
ate of commencement of work .....

| Date | Full description, etc, of work | Number | L |
|---|---|---|---|
| | 2 | 3 | |
| | (b) - 3rd CROSS. Rd 1 | 1 | 3 |
| | | 1 | 3 |
| | C & F.C. | 1 | 3 |
| | | 1 | 1 |
| | (c) - 2nd CROSS. Rd. 1 30/06 | 1 | 3 |
| | | 1 | 3 |
| | | 1 | 3 |
| | | 1 | 1 |
| | (d) - 1st CROSS. Rd. 1 | 1 | 3 |

## REMENT BOOK

| | Dimensions | | | Contents | Reference to last Measurement |
|---|---|---|---|---|---|
| r | Length 4 | Breadth 5 | Depth 6 | 7 | 8 |
| | ...supporting the hot mix to work... | | | | |
| | ...over finisher with sensor control... | | | | |
| | alignment, rolling with ... | | | | |
| | Roller to achive the desired | | | | |
| | ...fications clause no 500.8 | | | | |
| | ...r specifications with IW-120 | | | | |
| | ...r pores - 4 nos (25 mm to 30 mm) | | | | |
| | ...mpletr. | | | | |
| | | | Avg | | |
| | 30.00 | $\frac{5.4+4.8}{2}$ | 0.025 | 3.83 | |
| | 30.00 | $\frac{4.8+4.2}{2}$ | 0.025 | 3.38 | |
| | 6.00 | $\frac{4.2+3.6}{2}$ | 0.025 | 0.74 | |

**M. A. R. 57 (Rule 116)**
Measurement Book

**No. B**

353527

...rial No. .....
...me of Work ..... From..... To.....
...me of Contractor of nature of Agency .....
...te of commencement of work .....

| ...te | Full description, etc, of work 2 | Dimensions Number 3 | Length 4 | Breadth 5 | Depth 6 | Contents 7 | Reference to last Measurement 8 |
|---|---|---|---|---|---|---|---|
| | (b) - 3rd Cross. Road | 1 | 30.00 | $\frac{5.8+5.0}{2}$ | 0.025 | 4.05 | |
| | | 1 | 30.00 | $\frac{5.0+5.8}{2}$ | 0.025 | 4.05 | |
| | C/F.C. | 1 | 30.00 | $\frac{5.8+4.8}{2}$ | 0.025 | 3.98 | |
| | | 1 | 18.00 | $\frac{4.8+6.0}{2}$ | 0.025 | 2.43 | |
| | (c) - 2nd Cross. Rd. | 1 | 30.00 | $\frac{5.0+4.8}{2}$ | 0.025 | 3.56 | |
| | 30/06 | 1 | 30.00 | $\frac{4.5+5.4}{2}$ | 0.025 | 3.71 | |
| | | 1 | 30.00 | $\frac{5.4+5.1}{2}$ | 0.025 | 3.94 | |
| | | 1 | 18.00 | $\frac{5.1+5.8}{2}$ | 0.025 | 2.45 | |
| | (d) - 1st Cross. Rd. | 1 | 30.00 | $\frac{5.0+4.3}{2}$ | 0.025 | 3.49 | |

# MEASUREMENT BOOK

| Date | Full description, etc, of work | Dimensions | | | | Contents | Reference to last Measurement |
|---|---|---|---|---|---|---|---|
| | | Number | Length | Breadth | Depth | | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| | | 1 | 30.00 | $\frac{4.3+4.9}{2}$ | 0.025 | 3.457 | |
| | | 1 | 22.00 | $\frac{4.9+5.3}{2}$ | 0.025 | 2.81 | |
| | Next to Convent plot Road | 1 | 30.00 | $\frac{5.5+5.7}{2}$ | 0.025 | 4.20 | |
| | | 1 | 30.00 | $\frac{5.7+6.0}{2}$ | 0.025 | 4.39 | |
| | | 1 | 12.00 | 6.0 | 0.025 | 1.80 | |
| | Cross Road | 1 | 30.00 | 4.60 | 0.025 | 3.45 | |
| | | 1 | 15.00 | 4.60 | 0.025 | 1.73 | |
| | Slop Road | 1 | 30.00 | 5.00 | 0.025 | 3.75 | |
| | | 1 | 30.00 | $\frac{5.0+6.0}{2}$ | 0.025 | 4.13 | |
| | Graveyard parallel Rd. 1 | 1 | 30.00 | $\frac{5.0+5.5}{2}$ | 0.025 | 3.94 | |
| | | 1 | 30.00 | $\frac{5.4+5.9}{2}$ | 0.025 | 3.86 | |

M. A.
Mea

erial No. .....
ame of Work ..... From
ame of Contractor of nature of Agency .....
ate of commencement of work .....

| Date | Full description, etc, of work | Number |
|---|---|---|
| 1 | 2 | 3 |
| | Graveyard Road | 1 |
| | | 1 |
| | | 1 |
| | | 1 |
| | | 1 |
| | Gulk garapalli parallel Rd | 1 |
| | | 1 |
| | | 1 |

Assistant Executive Engineer
Vidyaranyapura Sub Division
BBMP, Bangalore - 97

T BOOK

| nsions | | Contents | Reference to last Measurement |
|---|---|---|---|
| Breadth 5 | Depth 6 | 7 | 8 |
| $\frac{4.3+4.9}{2}$ | 0.025 | 3.45 | |
| $\frac{4.9+5.3}{2}$ | 0.025 | 2.81 | |
| $\frac{5.5+5.7}{2}$ | 0.025 | 4.20 | |
| $\frac{5.7+6.0}{2}$ | 0.025 | 4.39 | |
| 6.0 | 0.025 | 1.80 | |
| 4.60 | 0.025 | 3.45 | |
| 4.60 | 0.025 | 1.73 | |
| 5.00 | 0.025 | 3.75 | |
| $\frac{5.0+6.0}{2}$ | 0.025 | 4.13 | |
| $\frac{5.0+5.5}{2}$ | 0.025 | 3.94 | |
| $\frac{5.4+5.9}{2}$ | 0.025 | 3.86 | |

M. A. R. 57 (Rule 116)
Measurement Book

No. B

353528

rial No. .....
me of Work ..... From..... To.....
me of Contractor of nature of Agency .....
te of commencement of work .....

| ate | Full description, etc, of work 2 | Dimensions | | | | Contents 7 | Reference to last Measurement 8 |
|---|---|---|---|---|---|---|---|
| | | Number 3 | Length 4 | Breadth 5 | Depth 6 | | |
| | Granite Yard Road | 1 | 30.00 | $\frac{4.9+5.3}{2}$ | 0.025 | 3.83 | |
| | | 1 | 30.00 | $\frac{5.3+6.3}{2}$ | 0.025 | 4.30 | |
| | | 1 | 38.00 | $\frac{3.9+3.7}{2}$ | 0.025 | 3.61 | |
| | | 1 | 16.00 | 4.90 | 0.025 | 1.96 | |
| | | 1 | 30.00 | 6.60 | 0.025 | 4.95 | |
| | | 1 | 30.00 | $\frac{6.6+4.2}{2}$ | 0.025 | 4.11 | |
| | Gulk garapaki parallel Road | 1 | 20.00 | 4.60 | 0.025 | 2.30 | |
| | | 1 | 30.00 | 5.20 | 0.025 | 3.90 | |
| | | 1 | 30.00 | $\frac{5.2+4.8}{2}$ | 0.025 | 3.75 | |

Assistant Executive Engineer
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BBMP, Bangalore - 97

# MEASUREMENT BOOK

| Date | Full description, etc, of work | Dimensions | | | | Contents | Reference to last Measurement |
|---|---|---|---|---|---|---|---|
| | | Number | Length | Breadth | Depth | | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| | | 1 | 30.00 | $\frac{4.8+5.1}{2}$ | 0.025 | = 3.71 cu.m | |
| | | 1 | 30.00 | $\frac{5.1+4.5}{2}$ | 0.025 | 3.60 | |
| | | 1 | 20.00 | $\frac{4.5+5.0}{2}$ | 0.025 | 2.38 | |
| | | 1 | 30.00 | $\frac{6.0+4.5}{2}$ | 0.025 | 3.90 | |
| | | 1 | 32.00 | $\frac{4.4+5.0}{2}$ | 0.025 | 3.71 | |
| | | | | | | 127.24 cu.m | |
| | | | | | L+B+D | 122.00 cu.m | |
| | | | | | @ | 8000/cu.m | 976000.00 |
| 7) | Providing and laying in position plain c.c of mix 1:4:8 with approved quality 40mm nominal size granite metal and down size | | | | | | |

Assistant Executive Engineer
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BBMP, Bangalore - 97

M. A. N
Mea

Serial No. .....
Name of Work ..... From...
Name of Contractor of nature of Agency .....
Date of commencement of work .....

| Date | Full description, etc, of work | Number |
|---|---|---|
| | 2 | 3 |
| | graded granite metal coarse a aggregate @ 0.57cu.m machine mix not exceeding 15cms, thick we plinth, including curing cu.m mat curing complete as per specifica class of work. | Qty P:3537 |
| 8) | Providing and laying cement con | |

BOOK

| ons | | Contents | Reference to last Measurement |
|---|---|---|---|
| readth 5 | Depth 6 | 7 | 8 |
| .8+5.1 / 2 | 0.025 = | 3.714 m³ | |
| 3.1+4.5 / 2 | 0.025 | 3.60 | |
| 4.5+3.0 / 2 | 0.025 = | 2.38 | |
| 3.0+4.4 / 2 | 0.025 = | 3.90 | |
| 4.4+5.0 / 2 | 0.025 = | 3.71 | |
| | | 127.244 m³ | |
| | 44 no | 122.00 m³ | |
| | @ | 8000/m³ | 976000.00 |
| C.C of mix 40mm | | 1:4:8 and down size | |

M. A. R. 57 (Rule 116)
Measurement Book

No. B

353529

Serial No. ..... From..... To.....

Name of Work .....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

| Date | Full description, etc, of work 2 | Dimensions: Number 3 | Length 4 | Breadth 5 | Depth 6 | Contents 7 | Reference to last Measurement 8 |
|---|---|---|---|---|---|---|---|
| | graded granite metal coarse aggregate @ 0.85 m³ and fine aggregate @ 0.57 m³ machine mixed, concrete laid in layers not exceeding 15 cms, thickness well compacted in foundations and plinth, including costs of all materials, labour, hire of machinery, curing complete as per specifications and directions of Engineer-in-charge of work. | | | | | | |
| | | | | | | | |
| | Cy side this M.B. page No P: 353597 to 5971 | | | 184.00 m³ | | 4847/m³ | 894271.50 |
| 8) | Providing and laying cement concrete 1:5:10 mix 20mm and down | | | | | | |

# MEASUREMENT BOOK

| Date | Full description, etc, of work | Dimensions | | | | Contents | Reference to last Measurement |
|---|---|---|---|---|---|---|---|
| | | Number | Length | Breadth | Depth | | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| | Size granite jelly of Ready mixed Concrete (RMC) for RCC Works laid in 15cms thick layers and well Compacted vibrating, curing, finishing with necessary cm, form Works and Scaffoldings to withstand pumping of Concrete with all lead and Lift etc complete, "RMC. M-20 (1:1.5:3) for Raft found, Column footing, Masonry dendy beam etc Complete as per the direction of Engineer-in-Charge of Wor. | | | | | | |
| | a) Kuvempunagar - Venkateshpura House Road | 1 | 30.00 | $\frac{5.7+5.6}{2}$ | 0.125 | 21.19 | |
| | | 1 | 26.00 | $\frac{5.6+4.5}{2}$ | 0.125 | 16.90 | |
| | C&RC 30/06 | 1 | 22.00 | $\frac{4.8+5.1}{2}$ | 0.125 | 13.61 | |

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

| Date | Full description, etc, of work | N |
|---|---|---|
| | b) Venkateshpura House parallel Road | |
| | c) - Govt school Road | |
| | a) Kuvempunagar - Venkateshpura House Road | |

C&RC 30/06

C&RC

Assistant Executive Engineer
Vidyaranyapura Sub Division
BBMP, Bangalore - 97

NT BOOK

| ensions | | | Contents | Reference to last Measuremen |
|---|---|---|---|---|
| | Breadth 5 | Depth 6 | 7 | 8 |
| | | | Concrete (RMC) for ... and well Compacted ... cum, form Works ... of Concrete with ... 20 (1:1.5:3) for Rafts ... duly bended ... by Charge of Wor. | |
| | $\frac{5.7+5.6}{2}$ | 0.125 | 21.19 | |
| | $\frac{5.44+5.5}{2}$ | 0.125 | 16.90 | |
| | $\frac{4.8+5.1}{2}$ | 0.125 | 13.61 | |

M. A. R. 57 (Rule 116)
Measurement Book

No. B

353530

rial No. .....
me of Work ..... From..... To.....
me of Contractor of nature of Agency .....
te of commencement of work .....

| ate | Full description, etc, of work 2 | Dimensions Number 3 | Length 4 | Breadth 5 | Depth 6 | Contents 7 | Reference to last Measurement 8 |
|---|---|---|---|---|---|---|---|
| | b) Venkateshappa Hoodi parallel Road | 1 | 30.00 | $\frac{5.0+4.3}{2}$ | 0.125 | 17.44 | |
| | | 1 | 30.00 | $\frac{4.3+4.7}{2}$ | 0.125 | 20.63 | |
| | c) - Govt school Road | 30/4 1 | 15.00 | 6.70 | 0.125 | 12.51 | |
| | | 1 | 32.00 | $\frac{5.7+5.5}{2}$ | 0.125 | 26.20 | |
| | | 1 | 30.00 | $\frac{7.9+5.8}{2}$ | 0.125 | 25.69 | |
| | | | | | | 154.217 | |
| | | | | Lakh | | 153.75 | |
| | | | | | | 5500/- | 8,45,625.00 |
| | g) Vacuum de-watering with vacuum pump and suction mat | | | | | | |

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BBMP, Bangalore-97

# MEASUREMENT BOOK

| Date | Full description, etc, of work | Dimensions | | | | Contents | Reference to last Measurement |
|---|---|---|---|---|---|---|---|
| | | Number | Length | Breadth | Depth | | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| | ant compaction with steel floater clubbed with floating disc including cost of generator Hom of machine diesel vibratory power, floater, blade and disc etc complete as per specification. | | | | | 111 cum | |
| | a) KVP - Venkateshappa House Road | 1 | 30.00 | 5.2+5.6/2 | | 169.50 | |
| | | 1 | 26.00 | 5.6+4.8/2 | | 135.20 | |
| | | 1 | 22.00 | 4.8+5.1/2 | | 108.90 | |
| | b) Venkateshappa House parallel Road | 1 | 30.00 | 5.4+4.3/2 | | 139.50 | |
| | | 1 | 30.00 | 4.3+6.7/2 | | 165.00 | |
| | | 1 | 15.00 | 6.7/2 | | 100.50 | |

M. A. R
Meas

erial No. .....
ame of Work ..... From...
ame of Contractor of nature of Agency .....
ate of commencement of work .....

| Date | Full description, etc, of work | Number |
|---|---|---|
| | 2 | 3 |
| | Gorst Road | 1 |
| | CFC | 1 |
| | MAWD | |
| b) | Providing [illegible] cutting for [illegible] depth 80mm - 100mm including generator and Hom of ma[illegible] coolant etc including, cle[illegible] | |

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OOK

| h | Depth 6 | Contents 7 | Reference to last Measuremen 8 |
|---|---|---|---|
| | | With floating machinery decent | |
| | | Cal. with 11 kw | |
| | 5.6/2 | 169.50 | |
| | 4.8/2 | 135.20 | |
| | 5.4/2 | 108.90 | |
| | 4.3/2 | 139.50 | |
| | 6.6/2 | 165.00 | |
| | | 100.50 | |

**M. A. R. 57 (Rule 116)**
Measurement Book

**No. B**

353531

erial No. .....
ame of Work ..... From..... To.....
ame of Contractor of nature of Agency .....
te of commencement of work .....

| ate | Full description, etc, of work 2 | Dimensions: Number 3 | Length 4 | Breadth 5 | Depth 6 | Contents 7 | Reference to last Measurement 8 |
|---|---|---|---|---|---|---|---|
| | Govt school Road | 1 | 32.00 | 5.7+5.4/2 | - | 209.60 | |
| | CAFE MOMOS | 1 | 30.00 | 7.9+5.8/2 | - | 205.50 | |
| | | | | | | 1233.70 m2 | |
| | | | | Less | | 1230.00 m2 | 119310 |
| | | | | | C | 97.00/12 | 1,19,310.00 |
| | Providing grove cutting for width of 5mm to 10mm and depth 80mm - 100mm including cooling cutting, machine generator and Hom of machinery, including cooling blade coolant etc including, cleaning of groove and providing | | | | | | |

Assistant Executive Engineer
Vidyaranyapura Sub Division
BBMP, Bangalore - 97

# MEASUREMENT BOOK

| Date | Full description, etc, of work | Dimensions | | | | Contents | Reference to last Measurement |
|---|---|---|---|---|---|---|---|
| | | Number | Length | Breadth | Depth | | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| | Sand and hot bitumen costing conveyance of charges and all other and as per specifications etc. etc. | fillers, and fillers metal etc including all materials, labours, lead and lift incidental charges as per drawing | | | | | |
| | | 2×1 | 6.00 | - | - | 12.00 | |
| | | 2×1 | 6.00 | - | - | 12.00 | |
| | | 2×1 | 4.80 | - | - | 9.60 | |
| | | 2×1 | 5.10 | - | - | 10.20 | |
| | | 2×1 | 5.00 | - | - | 10.00 | |
| | | 2×1 | 4.30 | - | - | 8.60 | |
| | | 2×1 | 6.70 | - | - | 13.40 | |
| | | 2×1 | 5.70 | - | - | 11.40 | |
| | | 2×1 | 7.40 | - | - | 14.80 | |

rial No. .....
me of Work .....
me of Contractor of nature of Age
te of commencement of work .....

| ate | Full description, etc, of wo |
|---|---|
| | 2 |
| | 11) Lead for ... Carriage of ... by ... and unloading etc |

Assistant Executive
Vidyaranyapura
BBMP, Bang

BOOK

| ons Breadth 5 | Depth 6 | Contents 7 | Reference to last Measuremer 8 |
|---|---|---|---|
| m metal etc including | | | |
| debris, lead and lift | | | |
| ays as per drawing | | | |
| - | - | 12.00 | |
| - | - | 12.00 | |
| - | - | 9.60 | |
| - | - | 10.20 | |
| - | - | 10.00 | |
| - | - | 8.60 | |
| - | - | 13.40 | |
| - | - | 11.40 | |
| - | - | 14.80 | |

**M. A. R. 57 (Rule 116)**
Measurement Book

**No. B**

353532

rial No. .....
me of Work ..... From..... To.....
me of Contractor of nature of Agency .....
te of commencement of work .....

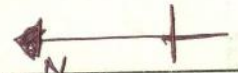
| ate | Full description, etc, of work 2 | Dimensions Number 3 | Length 4 | Breadth 5 | Depth 6 | Contents 7 | Reference to last Measurement 8 |
|---|---|---|---|---|---|---|---|
| | | 241 | 7.90 | - | - | 7.90 | |
| | | | 5.80 | - | - | 5.80 | |
| | | | | | | 124.70 sqm | |
| | | | | | 12d6 | 124.50 cum | 15066.00 |
| | | | | | | @ 121/- | |
| | (11) Lead for disposal of debris shall be payed at carriage rates by mechanical means including loading and unloading etc complete | | | | | | |
| | | Qty as per M.B. pg no. (1) | | | | 1243.60 m³ | 90782.80 |
| | | | | | | @ 73/m³ | |
| | | | | | | Total Rs | 44,41,531.30 |

Assistant Executive Engineer
Vijayanagar Sub Division
BBMP, Bangalore-97

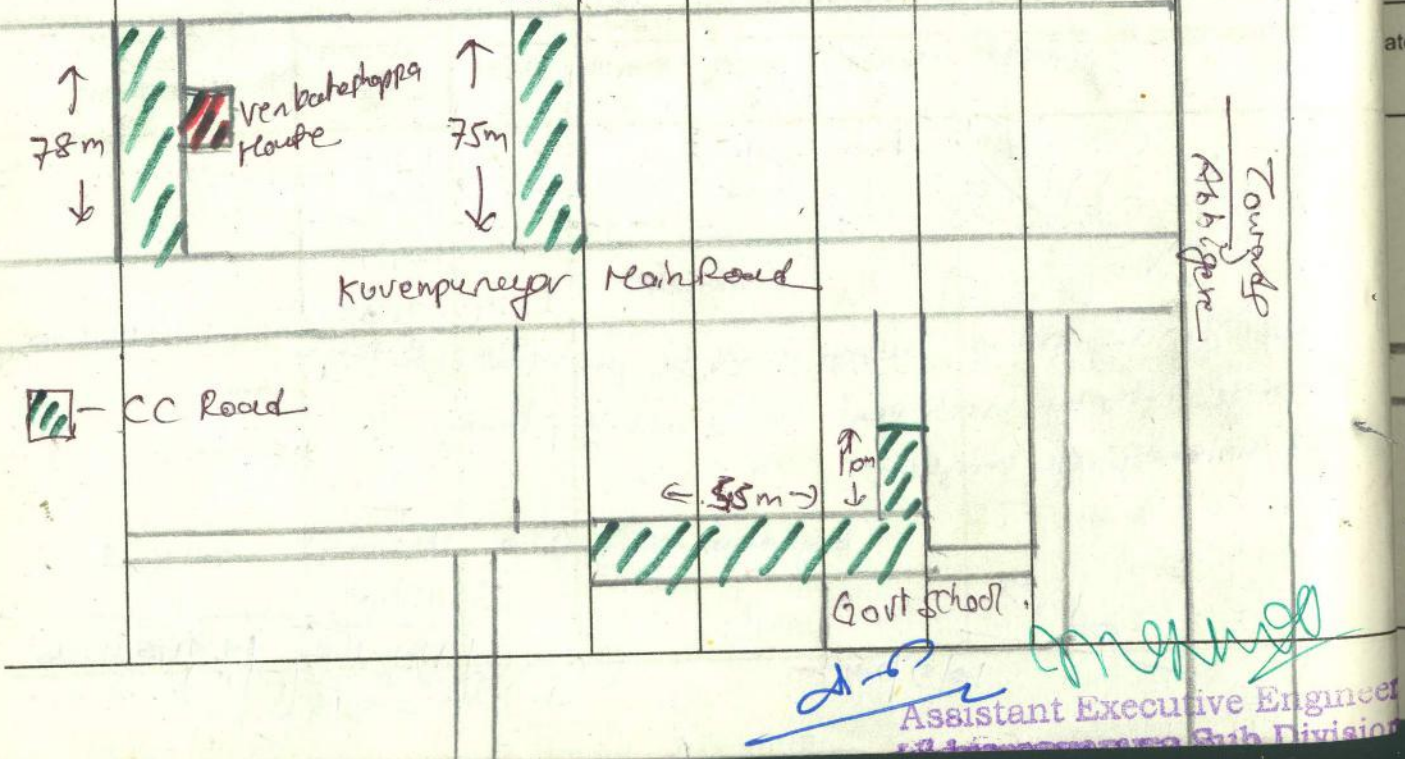
10/5/2017

10/5/17

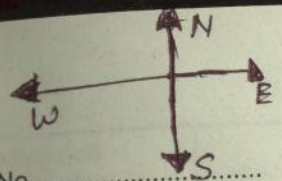
# MEASUREMENT BOOK




| Date | Full description, etc, of work | Dimensions | | | | Contents | Reference to last Measurement |
|---|---|---|---|---|---|---|---|
| | | Number | Length | Breadth | Depth | | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |




Assistant Executive Engineer



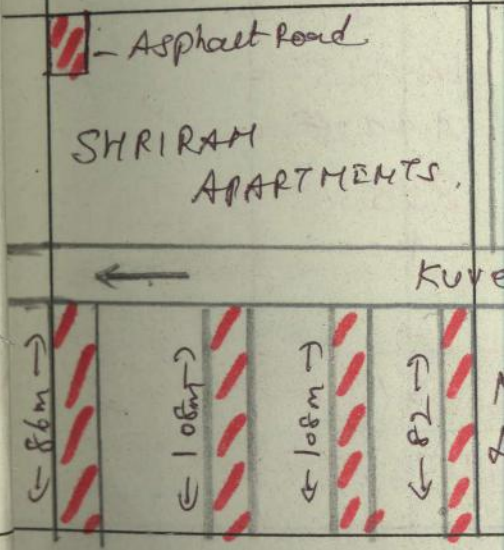

rial No. .....

me of Work .....

me of Contractor of nature of Agency .....

te of commencement of work .....

| ate | Full description, etc, of work |
|---|---|
| | 2 |



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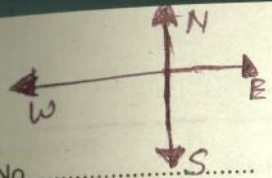
| mensions | | | Contents | Reference to last Measuremen |
|---|---|---|---|---|
| | Breadth 5 | Depth 6 | 7 | 8 |
| | | | | |




M. A. R. 57 (Rule 116)
Measurement Book

No. B

353533

rial No. .....

me of Work ..... From..... To.....

me of Contractor of nature of Agency .....

te of commencement of work .....

| ate | Full description, etc, of work 2 | Dimensions | | | | Contents 7 | Reference to last Measurement 8 |
|---|---|---|---|---|---|---|---|
| | | Number 3 | Length 4 | Breadth 5 | Depth 6 | | |
| | - Asphalt Road<br>SHRIRAM APARTMENTS. | | 72m | 1.65m | 62m | | |
| | Kuvempunagar 1st Stge Main Road | | | | | | |
| | 98m<br>1.08m<br>1.80m<br>82<br>Raider Layout | | | | 60m | 58m<br>38m<br>96m | |
| | ← SWD → | | | | | grave yard | |

Assistant Executive Engineer
Vidyaranyapura Sub Division

BR No: 154 | 30.6.17.

# MEASUREMENT BOOK

| Date | Full description, etc, of work | Dimensions | | | | Contents | Reference to last Measurement |
|---|---|---|---|---|---|---|---|
| | | Number | Length | Breadth | Depth | | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |

ಬಿಲ್ಲು ಮೊಬಲಗು ರೂ. 44,41,531-೦

ಗಳ್ಳ ಪಾಸು ಮಾಡಿದೆ: ಇದರಲ್ಲಿ ರೂ. 365164-೦

ಜೊಂದಾಣಿಕೆ ಮಾಡಿಕೊಂಡು ಉಳಿದ ಮೊಬಲಗು 4076,367-೦

Rs: Forty lakh. Seventy six thousand three hundred sixty seven only.

ಚೆಕ್ ಮುಹಾಂತರ ನೀಡತಕ್ಕದ್ದು

ಕಾರ್ಯನಿರ್ವಾಹಕ ಅಭಿಯಂತರರು

ಪಟ್ಟಣ ಪಂಚಾಯಿತಿ

ಬೈ.ಪಂ. 30/6

ಲೆಕ್ಕಾಧಿಕಾರಿ

ಪಟ್ಟಣ ಪಂಚಾಯಿತಿ

ಬೈ.ಪಂ. 30/6

Total Rs 44,41,531-೦

IT- 44415-೦

VAT- 177661-೦೦

Cess 44415-೦

CBF- 4425-೦

LR 8831-೦

Fine- 5400-೦

Adj 365164-೦

Chqs 4076367-೦

Serial No. .....

Name of Work .....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

| Date | Full description, etc, of work |
|---|---|
| | 2 |